

10/769, 365

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID: ssspta1204bxsd

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 01 New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!
NEWS 4 OCT 28 KOREPAT now available on STN
NEWS 5 NOV 30 PHAR reloaded with additional data
NEWS 6 DEC 01 LISA now available on STN
NEWS 7 DEC 09 12 databases to be removed from STN on December 31, 2004
NEWS 8 DEC 15 MEDLINE update schedule for December 2004
NEWS 9 DEC 17 ELCOM reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS 10 DEC 17 COMPUAB reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS 11 DEC 17 SOLIDSTATE reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS 12 DEC 17 CERAB reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS 13 DEC 17 THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
NEWS 14 DEC 30 EPFULL: New patent full text database to be available on STN
NEWS 15 DEC 30 CAPIUS - PATENT COVERAGE EXPANDED
NEWS 16 JAN 03 No connect-hour charges in EPFULL during January and February 2005
NEWS 17 JAN 26 CA/CAPIUS - Expanded patent coverage to include the Russian Agency for Patents and Trademarks (ROSPATENT)

NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 15:01:55 ON 03 FEB 2005

=> fil reg COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 15:02:10 ON 03 FEB 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 2 FEB 2005 HIGHEST RN 824932-81-2
DICTIONARY FILE UPDATES: 2 FEB 2005 HIGHEST RN 824932-81-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

```
=> s analine/cn
L1          0 ANALINE/CN

=> s aniline/cn
L2          1 ANILINE/CN

=> d 12
```


=> fil caplus	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	11.47	11.68

FILE 'CAPLUS' ENTERED AT 15:02:45 ON 03 FEB 2005
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 3 Feb 2005 VOL 142 ISS 6
 FILE LAST UPDATED: 2 Feb 2005 (20050202/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s 100-65-2/rn
      1085 100-65-2
      34 100-65-2D
L3      1054 100-65-2/RN
      (100-65-2 (NOTL) 100-65-2D )

=> s 62-53-3/rn
      46513 62-53-3
      3345 62-53-3D
L4      43642 62-53-3/RN
      (62-53-3 (NOTL) 62-53-3D )

=> s l3 and l4
L5      212 L3 AND L4

=> s mn
      397927 MN
      4715 MNS
L6      400639 MN
      (MN OR MNS)

=> s manga?
L7      340326 MANGA?

=> s 16 or l7
L8      557724 L6 OR L7

=> s 15 and l8
L9      4 L5 AND L8

=> d 19 1-4 abs ibib
```

This Page Blank (uspto)

L9 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
 AB Ortho-substituted phenylamines (e.g., 1,2-diaminobenzene) are prepared by contacting phenylhydroxylamine, optionally substituted with at least one inert substituent, with a nucleophilic reagent (e.g., aniline) in the presence of a manganese oxide catalyst at 10-170° and a pressure from subatmospheric to superatmospheric.

ACCESSION NUMBER: 2004:681439 CAPLUS
 DOCUMENT NUMBER: 141:174612
 TITLE: Regioselective catalytic process for preparing ortho-substituted phenylamines from a nucleophilic agent and phenylhydroxylamine
 INVENTOR(S): Malz, Russell E.; Kumar, Ranjit; Garces, Luis Javier; Suib, Steven L.
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 7 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004162444	A1	20040819	US 2004-769365	20040130
WO 2004072028	A2	20040826	WO 2004-US2825	20040130
WO 2004072028	A3	20040923		

W: AE, AR, AG, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KR, KR, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI
 RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GG, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GG, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2003-445680P P 20030206

OTHER SOURCE(S): MARPAT 141:174612

L9 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
 AB Aryl Me ketone are synthesized by oxidation of ethylarenes with O2-containing gas in the presence of metal catalysts at 100-150° and 0.1-1.5 MPa for 2-12 h. The catalyst is Co, Ni, Cu, or Mn complexes with N-hydroxy-N-phenylbenzamide, N-hydroxy-N-phenyl-3-pyridinecarboxamide, N-hydroxy-N-phenyl-4-pyridinecarboxamide, N-hydroxy-N-phenyl-2-pyridinecarboxamide, or N-phenyl-2-pyridinecarboxamide.

ACCESSION NUMBER: 2002:476783 CAPLUS
 DOCUMENT NUMBER: 137:20218
 TITLE: Preparation of aryl methyl ketones
 INVENTOR(S): Li, Xianjun; Chen, Xinzi; Qi, Jianying; Bai, Chenhao; Deng, Lisheng; Li, Wenzhou; Sun, Bin; Hu, Jiayuan
 PATENT ASSIGNEE(S): Sichuan Univ., Peop. Rep. China
 SOURCE: Faming Zuanli Shengqing Gongkai Shuomingshu, 17 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: Chinese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1297981	A	20010606	CN 1999-125283	19991201
CN 1136179	B	20040128		

PRIORITY APPLN. INFO.: CN 1999-125283 19991201

OTHER SOURCE(S): CASREACT 137:20218; MARPAT 137:20218

L9 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
 AB The condensation reaction of N-phenylhydroxylamine in the presence of clay catalysts was studied. The main products of this reaction are azoxybenzene, aniline and nitrosobenzene. In contrast with the previously published results, p-nitrosodiphenylamine is not formed during the condensation reaction.

ACCESSION NUMBER: 2000:820017 CAPLUS
 DOCUMENT NUMBER: 134:115704
 TITLE: Reaction of N-phenylhydroxylamine in the presence of clay catalysts
 AUTHOR(S): Groskova, Dana; Stolcova, Magdalena; Hronec, Milan
 CORPORATE SOURCE: Department of Organic Technology, Slovak University of Technology, Bratislava, 812 37, Slovakia
 SOURCE: Catalysis Letters (2000), 69(1,2), 113-116
 PUBLISHER: Baltzer Science Publishers
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 134:115704
 REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

L9 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
 AB When large doses of aniline or ethylaniline were injected into rabbits, only a small increase in hemoglobin (I) concentration was observed. Phenylhydroxylamine (II) readily produced I in rabbit cells, both in vivo and in vitro, the in vitro action lasting longer in rabbit red cells than in those of other species. In vivo, II and nitrosobenzene rapidly disappeared from blood. II produced in liver microsomes is rapidly inactivated in the tissues and blood of the rabbit, and this is a major factor in the refractoriness of rabbits towards hemoglobin formation on administering aromatic amines.

ACCESSION NUMBER: 1965:466284 CAPLUS
 DOCUMENT NUMBER: 63:66284
 ORIGINAL REFERENCE NO.: 63:12212f-g
 TITLE: The low activity of aniline in producing hemoglobin in rabbits
 AUTHOR(S): Bayerl, Peter; Kiese, Manfred
 CORPORATE SOURCE: Univ. Munich, Germany
 SOURCE: Archiv fuer Experimentelle Pathologie und Pharmakologie (1965), 251(2), 212-21
 DOCUMENT TYPE: Journal
 LANGUAGE: English

:
=> s phenylamin?
L10 10315 PHENYLAMIN?

=> s phenylhyd?
L11 27559 PHENYLHYD?

=> s l10 and l11
L12 265 L10 AND L11

=> d his

(FILE 'HOME' ENTERED AT 15:01:55 ON 03 FEB 2005)

FILE 'REGISTRY' ENTERED AT 15:02:10 ON 03 FEB 2005
L1 0 S ANALINE/CN
L2 1 S ANILINE/CN

FILE 'CAPLUS' ENTERED AT 15:02:45 ON 03 FEB 2005
L3 1054 S 100-65-2/RN
L4 43642 S 62-53-3/RN
L5 212 S L3 AND L4
L6 400639 S MN
L7 340326 S MANGA?
L8 557724 S L6 OR L7
L9 4 S L5 AND L8
L10 10315 S PHENYLAMIN?
L11 27559 S PHENYLHYD?
L12 265 S L10 AND L11

=> s l12 and l8
L13 2 L12 AND L8

=> d l13 1-2 abs ibib

L13 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
 AB Ortho-substituted phenylamines (e.g., 1,2-diaminobenzene) are prepared by contacting phenylhydroxylamine, optionally substituted with at least one inner substituent, with a nucleophilic reagent (e.g., amines) in the presence of a manganese oxide catalyst at 10-170° and a pressure from subatmospheric to superatmospheric.

ACCESSION NUMBER: 2004-681439 CAPLUS
 DOCUMENT NUMBER: 141:174612
 TITLE: Regioselective catalytic process for preparing ortho-substituted phenylamines from a nucleophilic agent and phenylhydroxylamine
 INVENTOR(S): Melz, Russell E.; Kumar, Ranjit; Garces, Luis Javier; Subi, Steven L.
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 7 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004162444	A1	20040819	US 2004-769365	20040130
WO 2004012038	A2	20040826	WO 2004-US2825	20040130
WO 2004072028	A3	20040923		

W: AG, AE, AG, AL, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BV, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KR, KR, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MZ, MZ, NA, NI
 RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, T2, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2003-445680P P 20030206

OTHER SOURCE(S): MARPAT 141:174612

L13 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
 AB A review with 565 refs. including heat capacities, entropies, and thermodyn. parameters for phase transitions for >1100 organic compds.

ACCESSION NUMBER: 1993:88646 CAPLUS
 DOCUMENT NUMBER: 118:88646
 TITLE: Heat capacities and entropies of organic compounds in the condensed phase. Volume II
 AUTHOR(S): Domalski, Eugene S.; Hearing, Elizabeth D.
 CORPORATE SOURCE: Cent. Chem. Phys., Natl. Inst. Stand. Technol., Gaithersburg, MD 20899, USA
 SOURCE: Journal of Physical and Chemical Reference Data (1990), 19(4), 681-1047
 DOCUMENT TYPE: CODEN: JPCRDU; ISSN: 0047-2689
 LANGUAGE: Journal: General Review
 English

```
=> logoff yh
'YH' IS NOT VALID HERE
For an explanation, enter "HELP LOGOFF".
```

=> logoff y		
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	34.62	46.30
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-4.38	-4.38

STN INTERNATIONAL LOGOFF AT 15:07:18 ON 03 FEB 2005